



## COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

### TYPE OF DECLARATION

This declaration is of the following type: ☒ original.

(check one)

☐ design.

☐ supplemental.

☐ national stage of PCT.

☐ divisional.

☐ continuation.

☐ continuation-in-part (C-I-P).

### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

### TITLE OF INVENTION

REDUCED THERMAL CONDUCTIVITY TBC BY EB-PVD PROCESS  
TO INCORPORATE POROSITY

### SPECIFICATION IDENTIFICATION

the specification of which:

(a) ☐ is attached hereto.

(b) ☒ was filed on March 22, 2004, as Serial No. 10/805,922  
and was amended on \_\_\_\_\_ (*if applicable*).

(c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_, filed  
on \_\_\_\_\_ and as amended under PCT Article 19 on  
\_\_\_\_\_ (*if applicable*).

## ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

## PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. Such applications have been filed as follows:

### PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NO.	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			YES/NO
			YES/NO
			YES/NO
			YES/NO
			YES/NO

## POWER OF ATTORNEY

I hereby appoint the practitioners practicing at the following Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

34704

### SEND CORRESPONDENCE TO:

The above Customer Number.

### DIRECT TELEPHONE CALLS TO:

Jeffrey R. Ambroziak  
(203) 777-6628 - ext. 116

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE(S)

**Full name of sole or first inventor:**

Nicholas E. Ulion  
(signature)

Name: Nicholas E. Ulion

Date: 3/19/04

Country of Citizenship: US

Residence Address

11 Stony Brook Drive  
Marlborough, CT 06447

Post Office Address: (SAME AS ABOVE)

**Full name of second joint inventor, if any:**

Donald Broadhurst  
(signature)

Name: Donald Broadhurst

Date: March 9, 2004

Country of Citizenship: US

Residence Address:

74 O'Connell Drive  
East Hartford, CT 06118-3343

Post Office Address: (SAME AS ABOVE)

**Full name of third joint inventor, if any:**

Michael J. Maloney  
(signature)

Name: Michael J. Maloney

Date: 7-18-04

Country of Citizenship: US

Residence Address:

129 Edstrom Road  
Marlborough, CT 06447

Post Office Address: (SAME AS ABOVE)

**Full name of fourth joint inventor, if any:**

Claude J. Clavette  
(signature)

Name: Claude J. Clavette

Date: March 15, 2004

Country of Citizenship: US

Residence Address:

440 Clavette Street  
Madawaska, ME 04756

Post Office Address: (SAME AS ABOVE)

Full name of fifth joint inventor, if any:

David A. Litton  
(signature)

Name: David A. Litton

Date: March 8, 2004

Country of Citizenship: US

Residence Address:

5B Robinson Road  
Rocky Hill, CT 06067

Post Office Address: (SAME AS ABOVE)

Full name of sixth joint inventor, if any:

Mladen Trubelja  
(signature)

Name: Mladen Trubelja

Date: 3/18/04

Country of Citizenship: US

Residence Address:

97 Blue Ridge Drive  
Manchester, CT 06040

Post Office Address: (SAME AS ABOVE)

THIS DECLARATION ENDS WITH THIS PAGE.